BRUHAT BANGALORE MAHANAGARA PALIKE
BYTARAYANPURA DIVISION

Name of Work: Package 2 Includes 3 Works Rs. 100.00 Lakhs.

1ST& FINAL BILL

TEST REPORTS

TEJUS CONSULTANTS
CONSULTING ENGINEERS AND DESIGNERS
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CONSULTANTS

Test Report on Cement

Project	Providing Cement Concrete Road and Improvements to Roads and Drains at Bharath Nagar cross roads near Baloon factory surrounding in ward no 06 Byatarayanapura Sub division.
Client	Bruhat Bangalore Mahanagar Palike
Consultant	TEJUS CONSULTANTS
Contractor	M/S Sathya constructions
Sample ID	Cement
Date of Sample Tested	15.10.2019
Sample Supplied By	Agency

SLNo.	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 12269-1987
1	a) Initial Setting Time	IS-4031 (Part-5)	36 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part-5)	364 Minutes	Not More than 600 Minutes
2	Soundness	IS-4031 (Part-3) By the Le-Chatelier method	4mm	Not More than 10 mm
3	Standard Consistency	IS-4031 (Part-4)	28.00%	25 % to 35

Note:
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2. The results indicated above are based on the tests carried out on the samples received in the laboratory /Site.
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ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಅಭಿಯಂತರರು
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TEST REPORT	
Clients	BRUHAT BENGALORE MAHANAGARA PALIKE
Project	Providing Cement Concrete Road Improvements to Roads and Drains at Bharath Nagar cross roads near Baloon factory in ward no 06 Byatarayanapura Sub division.
Consultants	TEJUS CONSULTANTS Basaveshwar Nagar Bangalore
Contractor	M/S Sathya constructions

SPECIFIC GRAVITY AND WATER ABSORPTION
FINE AGGREGATE (IS-2386-PART-3)

Type of Material	Fine aggregate (River Sand/ M sand)	Proposed Use	PCC
Location/Source	At Site/Plant	Date of Sampling	15.10.2019
Period of Soaking	24 hours	Date of Testing	15.10.2019

Sl. No.	Test Property		TRIAL - 1	TRIAL - 2	TRIAL - 3	
A	Weight of sturated surface dry sample gm.		648	636	652	
B	Weight of oven - dry sample gm.		628	602	610	
C	Weight of Pycnometer Filled with water gm		1275	1275	1275	
D	Weight of Pycnometer + sample + water gm		1686	1686	1698	
E	Bulk specific gravity	$\frac{B}{(C+A-D)}$	2.650	2.676	2.664	2.663
G	Absorption (%)	$\frac{(A-B)*100}{B}$	3.185	5.648	6.885	5.239

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ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
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TEST REPORT	
Clients	Bruhat Bangalore Mahanagara Palike
Project	Providing Cement Concrete Road and Improvements to Roads and Drains at Bharath Nagar cross roads near Baloon factory surrounding in ward no 06 Byatarayanapura Sub division.
Consultants	Tejus Consultants, Bangalore
Contractor	M/S Sathya constructions

SIEVE ANALYSIS

Total Weight:	3000 gms		
Type of Material	Fine aggregate (River Sand/ M sand)	Proposed Use	Concrete
Sample Location	At Site/Plant	Date of Sampling	15.10.2019
		Date of Testing	15.10.2019

IS Sieve Size	Weight Retained	Cum. Weight Retained	Cum. % Retained	Cum. % Passing	Spec. Limit (%) Passing (Zone-II)
0.00 mm	0	0	0	100.00	100
.75 mm	215	215	7.17	92.83	90 - 100
.36 mm	308	523	17.43	82.57	75 - 100
18 mm	412	935	31.17	68.83	55 - 90
600 mm	476	1411	47.03	52.97	35 -59
300 mm	754	2165	72.17	27.83	8-30
.50 mm	622	2787	92.90	7.10	0 - 10
n	213	3000			-

narks : ✓ Satisfactory / Not Satisfactory

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ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
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TEST REPORT

Clients	Bruhath Bangalore Mahanagara Palike
Project	Providing Cement Concrete Road and Improvements to Roads and Drains at Bharath Nagar cross roads near Baloon factory surrounding in ward no 06 Byatarayanapura Sub division.
Consultants	TEJUS CONSULTANTS Basaveshwar Nagar Bangalore
Contractor	M/S Sathya constructions
Total Weight in gm:	3000

SIEVE ANALYSIS

Type of Material	40 mm down size	Proposed Use	PCC
Sample Location	At Site/Plant	Date of Sampling	15.10.2019
		Date of Testing	15.10.2019

IS Sieve Size	Weight Retained in gm	Cum. Weight Retained in gm	Cumulative Weight Retained in %	Cumulative Weight Passing in %	Specific Limits as per IS 383-1970 (RA-2007) % of Passing For Graded Aggregate of Nominal Size
80.00mm	0	0	0.00	100.00	100
63.00mm	0	0	0.00	100.00	-
40.00mm	84	84	2.80	97.20	95-100
20.00mm	1410	1494	49.80	50.20	30-70
10.00mm	965	2459	81.97	18.03	10-35
4.75mm	445	2904	96.80	3.20	0-5
Pan	96	3000	100.00	0.00	

Remarks : ✓ Satisfactory / Not Satisfactory

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Test Report on Cement

Project	Providing Cement Concrete Road and Improvements to Roads and Drains at Bharath Nagar cross roads near Baloon factory surrounding in ward No.06 Byatarayanapura Sub division.
Client	Bruhat Bangalore Mahanagar Palike
Consultant	TEJUS CONSULTANTS
Contractor	M/S Sathya constructions
Sample ID	Cement
Date of Sample Tested	24.10.2019
Sample Supplied By	Agency

Sl.No.	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 12269-1987
1	a) Initial Setting Time	IS-4031 (Part-5)	38 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part-5)	372 Minutes	Not More than 600 Minutes
2	Soundness	IS-4031 (Part-3) By the Le-Chatelier method	4mm	Not More than 10 mm
3	Standard Consistency	IS-4031 (Part-4)	30.00%	25 % to 35

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TEST REPORT					
Clients	BRUHAT BENGALORE MAHANAGARA PALIKE				
Project	Providing Cement Concrete Road Improvements to Roads and Drains at Bharath Nagar cross roads near Baloon factory surrounding in ward No.06 Byatarayanapura Sub division..				
Consultants	TEJUS CONSULTANTS Basaveshwar Nagar Bangalore				
Contractor	M/S Sathya constructions				

SPECIFIC GRAVITY AND WATER ABSORPTION

FINE AGGREGATE (IS-2386-PART-3)

Type of Material	Fine aggregate (River Sand/ M sand)	Proposed Use	Concrete
Location/Source	At Site/Plant	Date of Sampling	24.10.2019
Period of Soaking	24 hours	Date of Testing	24.10.2019

Sl. No.	Test Property		TRIAL - 1	TRIAL - 2	TRIAL - 3	
A	Weight of sturated surface dry sample gm.		650	674	658	
B	Weight of oven - dry sample gm.		644	660	646	
C	Weight of Pycnometer Filled with water gm		1275	1275	1275	
D	Weight of Pycnometer + sample + water gm		1682	1701	1690	
E	Bulk specific gravity	$\frac{B}{(C+A-D)}$	2.650	2.661	2.658	2.657
G	Absorption (%)	$\frac{(A-B)*100}{B}$	0.932	2.121	1.858	1.637

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TEST REPORT

Clients	Bruhat Bangalore Mahanagara Palike
Project	Providing Cement Concrete Road Improvements to Roads and Drains at Bharath Nagar cross roads near Baloon factory surrounding in ward No.06 Byatarayanapura Sub division.
Consultants	Tejus Consultants, Bangalore
Contractor	M/S Sathya constructions

SIEVE ANALYSIS

Total Weight:	3000 gms		
Type of Material	Fine aggregate (River Sand/ M sand)	Proposed Use	Concrete
Sample Location	At Site/Plant	Date of Sampling	24.10.2019
		Date of Testing	24.10.2019

IS Sieve Size	Weight Retained	Cum. Weight Retained	Cum. % Retained	Cum. % Passing	Spec. Limit (%) Passing (Zone-II)
10.00 mm	0	0	0	100.00	100
4.75 mm	216	216	7.20	92.80	90 - 100
2.36 mm	308	524	17.47	82.53	75 - 100
1.18 mm	426	950	31.67	68.33	55 - 90
0.600 mm	490	1440	48.00	52.00	35 -59
0.300 mm	714	2154	71.80	28.20	8-30
0.150 mm	628	2782	92.73	7.27	0 - 10
Pan	218	3000			-

Remarks : Satisfactory / Not Satisfactory

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TEST REPORT					
Clients	Bruhat Bangalore Mahanagara Palike				
Project	Providing Cement Concrete Road Improvements to Roads and Drains at Bharath Nagar cross roads near Baloon factory surrounding in ward No.06 Byatarayanapura Sub division.				
Consultants	TEJUS CONSULTANTS Basaveshwar Nagar Bangalore				
Contractor	M/S Sathya constructions				
Total Weight:	10000	gms			
SIEVE ANALYSIS					
Type of Material	20 mm down size		**Proposed Use**	Concrete	
Sample Location	Plant/At site		**Date of Sampling**	24.10.2019	
			Date of Testing	24.10.2019	
IS Sieve Size	**Weight Retained**	**Cum. Weight Retained**	**Cum. % Retained**	**Cum. % Passing**	**Spec. Limit (%) Passing**
40.00 mm	0	0	0	100	100
20.00 mm	258	258	2.58	97.42	95 - 100
10.00 mm	4834	5092	50.92	49.08	25 - 55
4.75 mm	4218	9310	93.10	6.90	0 - 10
Pan	690	10000			
Remarks :	✓ Satisfactory / Not Satisfactory				

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TEST REPORT

Clients	Bruhat Bangalore Mahanagara Palike
Project	Providing Cement Concrete Road Improvements to Roads and Drains at Bharath Nagar cross roads near Baloon factory surrounding in ward No.06 Byatarayanapura Sub division.
Consultants	TEJUS CONSULTANTS
Contractor	M/S Sathya Constructions
Total Weight:	10000 gms

SIEVE ANALYSIS

Type of Material	12.5 mm down size	Proposed Use	CONCRETE
Sample Location	At Site/Plant	Date of Sampling	24.10.2019
		Date of Testing	24.10.2019

IS Sieve Size (in mm)	Weight Retained	Cum. Weight Retained	Cum. % Retained	Cum. % Passing	Spec. Limit (%) Passing
20.0	0	0	0	100	100
12.5	528	528	5.28	94.72	90-100
10.0	4695	5223	52.23	47.77	40-85
4.75	4555	9778	97.78	2.22	0-10
Pan	222	10000			

Remarks : Satisfactory / Not Satisfactory

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TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Project	Providing Cement Concrete Road Improvements to Roads and Drains at Bharath Nagar cross roads near Baloon factory surrounding in ward No.06 Byatarayanapura Sub division.
Client	Bruhat Bangalore Mahanagar Palike
Consultant	TEJUS CONSULTANTS
Contractor	M/S Sathya constructions
Grade of concrete:	M20
Size of cube:	150x150x150 mm
Reference IS code:	IS:516-1959

Sl.No.	Date of Casting	Date of testing	Age of Test	Weight of Cube	Area of Cube	Failure load	Compressive strength	Avg. Compressive strength
				Kg	mm^2	KN	N/mm^2	N/mm^2
1	24.10.2019	31.10.2019	7 days	8.120	22500	282	12.53	12.68
2	24.10.2019	31.10.2019	7 days	8.130	22500	284	12.62	
3	24.10.2019	31.10.2019	7 days	8.140	22500	290	12.89	

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TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Project	Providing Cement Concrete Road Improvements to Roads and Drains at Bharath Nagar cross roads near Baloon factory surrounding in ward No.06 Byatarayanapura Sub division.
Client	Bruhat Bangalore Mahanagar Palike
Consultant	TEJUS CONSULTANTS
Contractor	M/S Sathya constructions
Grade of concrete:	M20
Size of cube:	150x150x150 mm
Reference IS code:	IS:516-1959

Sl.No.	Date of Casting	Date of testing	Age of Test	Weight of Cube	Area of Cube	Failure load	Compressive strength	Avg. Compressive strength
				Kg	mm^2	KN	N/mm^2	N/mm^2
1	24.10.2019	21.11.2019	28 days	8.130	22500	432	19.20	19.47
2	24.10.2019	21.11.2019	28 days	8.138	22500	446	19.82	
3	24.10.2019	21.11.2019	28 days	8.146	22500	436	19.38	

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Test Report on Cement

Project	Providing Cement Concrete Road and Improvements to Roads and Drains at Bharath Nagar cross roads near Baloon factory surrounding in ward No.06 Byatarayanapura Sub division.
Client	Bruhat Bangalore Mahanagar Palike
Consultant	TEJUS CONSULTANTS
Contractor	M/S Sathya constructions
Sample ID	Cement
Date of Sample Tested	25.10.2019
Sample Supplied By	Agency

Sl.No.	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 12269-1987
1	a) Initial Setting Time	IS-4031 (Part-5)	36 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part-5)	346 Minutes	Not More than 600 Minutes
2	Soundness	IS-4031 (Part-3) By the Le-Chatelier method	5mm	Not More than 10 mm
3	Standard Consistency	IS-4031 (Part-4)	27.00%	25 % to 35

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CONSULTANTS

Clients	BRUHAT BENGALORE MAHANAGARA PALIKE
Project	Providing Cement Concrete Road Improvements to Roads and Drains at Bharath Nagar cross roads near Baloon factory surrounding in ward No.06 Byatarayanapura Sub division.
Consultants	TEJUS CONSULTANTS Basaveshwar Nagar Bangalore
Contractor	M/S Sathya constructions

TEST REPORT

SPECIFIC GRAVITY AND WATER ABSORPTION

FINE AGGREGATE (IS-2386-PART-3)

Type of Material	Fine aggregate (River Sand/ M sand)	**Proposed Use**	Concrete
Location/Source	At Site/Plant	**Date of Sampling**	25.10.2019
Period of Soaking	24 hours	**Date of Testing**	25.10.2019

Sl. No.	Test Property		TRIAL - 1	TRIAL - 2	TRIAL - 3	
A	Weight of sturated surface dry sample gm.		648	676	634	
B	Weight of oven - dry sample gm.		640	664	582	
C	Weight of Pycnometer Filled with water gm		1275	1275	1275	
D	Weight of Pycnometer + sample + water gm		1682	1701	1690	
E	Bulk specific gravity	B / (C + A - D)	2.656	2.656	2.658	2.656
G	Absorption (%)	(A - B) *100 / B	1.250	1.807	8.935	3.997

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TEST REPORT

Clients	Bruhat Bangalore Mahanagara Palike
Project	Providing Cement Concrete Road Improvements to Roads and Drains at Bharath Nagar cross roads near Baloon factory surrounding in ward No.06 Byatarayanapura Sub division.
Consultants	Tejus Consultants, Bangalore
Contractor	M/S Sathya constructions

SIEVE ANALYSIS

Total Weight:	3000 gms		
Type of Material	**Fine aggregate (River Sand/ M sand)**	**Proposed Use**	Concrete
Sample Location	At Site/Plant	**Date of Sampling**	25.10.2019
		Date of Testing	25.10.2019

IS Sieve Size	Weight Retained	Cum. Weight Retained	Cum. % Retained	Cum. % Passing	Spec. Limit (%) Passing (Zone-II)
10.00 mm	0	0	0	100.00	100
4.75 mm	206	206	6.87	93.13	90 - 100
2.36 mm	312	518	17.27	82.73	75 - 100
1.18 mm	408	926	30.87	69.13	55 - 90
0.600 mm	480	1406	46.87	53.13	35 -59
0.300 mm	764	2170	72.33	27.67	8-30
0.150 mm	642	2812	93.73	6.27	0 - 10
Pan	188	3000			-

Remarks : Satisfactory / Not Satisfactory

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TEST REPORT

Clients	Bruhat Bangalore Mahanagara Palike	
Project	Providing Cement Concrete Road Improvements to Roads and Drains at Bharath Nagar cross roads near Baloon factory surrounding in ward No.06 Byatarayanapura Sub division.	
Consultants	TEJUS CONSULTANTS	
Contractor	M/S Sathya Constructions	
Total Weight:	10000	gms

SIEVE ANALYSIS

Type of Material	**12.5 mm down size**		**Proposed Use**	CONCRETE	
Sample Location	At Site/Plant		**Date of Sampling**	25.10.2019	
			Date of Testing	25.10.2019	
IS Sieve Size (in mm)	**Weight Retained**	**Cum. Weight Retained**	**Cum. % Retained**	**Cum. % Passing**	**Spec. Limit (%) Passing**
20.0	0	0	0	100	100
12.5	556	556	5.56	94.44	90-100
10.0	4672	5228	52.28	47.72	40-85
4.75	4532	9760	97.60	2.40	0-10
Pan	240	10000			

Remarks : ✓ Satisfactory / Not Satisfactory

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TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Project	Providing Cement Concrete Road Improvements to Roads and Drains at Bharath Nagar cross roads near Baloon factory surrounding in ward No.06 Byatarayanapura Sub division.
Client	Bruhat Bangalore Mahanagar Palike
Consultant	TEJUS CONSULTANTS
Contractor	M/S Sathya constructions
Grade of concrete:	M20
Size of cube:	150x150x150 mm
Reference IS code:	IS:516-1959

Sl.No.	Date of Casting	Date of testing	Age of Test	Weight of Cube	Area of Cube	Failure load	Compressive strength	Avg. Compressive strength
				Kg	mm^2	KN	N/mm^2	N/mm^2
1	25.10.2019	01.11.2019	7 days	8.122	22500	278	12.36	12.59
2	25.10.2019	01.11.2019	7 days	8.146	22500	284	12.62	
3	25.10.2019	01.11.2019	7 days	8.142	22500	288	12.80	

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TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

oject	Providing Cement Concrete Road Improvements to Roads and Drains at Bharath Nagar cross roads near Baloon factory surrounding in ward No.06 Byatarayanapura Sub division.
ient	Bruhat Bangalore Mahanagar Palike
nsultant	TEJUS CONSULTANTS
ntractor	M/S Sathya constructions
rade of ncrete:	M20
ze of cube:	150x150x150 mm
eference IS de:	IS:516-1959

Sl.No.	Date of Casting	Date of testing	Age of Test	Weight of Cube	Area of Cube	Failure load	Compressive strength	Avg. Compressive strength
				Kg	mm^2	KN	N/mm^2	N/mm^2
1	25.10.2019	05.11.2019	28 days	8.136	22500	438	19.47	19.61
2	25.10.2019	05.11.2019	28 days	8.142	22500	440	19.56	
3	25.10.2019	05.11.2019	28 days	8.148	22500	446	19.82	

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Test Report on Cement

Project	Providing Cement Concrete Road and Improvements to Roads and Drains at Bharath Nagar cross roads near Baloon factory surrounding in ward No.06 Byatarayanapura Sub division.
Client	Bruhat Bangalore Mahanagar Palike
Consultant	TEJUS CONSULTANTS
Contractor	M/S Sathya constructions
Sample ID	Cement
Date of Sample Tested	26.10.2019
Sample Supplied By	Agency

Sl.No.	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 12269-1987
1	a) Initial Setting Time	IS-4031 (Part-5)	35 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part-5)	354 Minutes	Not More than 600 Minutes
2	Soundness	IS-4031 (Part-3) By the Le-Chatelier method	7mm	Not More than 10 mm
3	Standard Consistency	IS-4031 (Part-4)	28.00%	25 % to 35

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Clients	BRUHAT BENGALORE MAHANAGARA PALIKE
Project	Providing Cement Concrete Road Improvements to Roads and Drains at Bharath Nagar cross roads near Baloon factory surrounding in ward No.06 Byatarayanapura Sub division..
Consultants	TEJUS CONSULTANTS Basaveshwar Nagar Bangalore
Contractor	M/S Sathya constructions

TEST REPORT

SPECIFIC GRAVITY AND WATER ABSORPTION

FINE AGGREGATE (IS-2386-PART-3)

Type of Material	Fine aggregate (River Sand/ M sand)	**Proposed Use**	Concrete
Location/Source	At Site/Plant	**Date of Sampling**	26.10.2019
Period of Soaking	24 hours	**Date of Testing**	26.10.2019

Sl. No.	Test Property		TRIAL - 1	TRIAL - 2	TRIAL - 3	
A	Weight of sturated surface dry sample gm.		648	654	658	
B	Weight of oven - dry sample gm.		641	604	648	
C	Weight of Pycnometer Filled with water gm		1275	1275	1275	
D	Weight of Pycnometer + sample + water gm		1682	1702	1689	
E	Bulk specific gravity	B / (C + A - D)	2.660	2.661	2.656	2.659
G	Absorption (%)	(A - B) *100 / B	1.092	8.278	1.543	3.638

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TEST REPORT

Clients	Bruhat Bangalore Mahanagara Palike
Project	Providing Cement Concrete Road Improvements to Roads and Drains at Bharath Nagar cross roads near Baloon factory surrounding in ward No.06 Byatarayanapura Sub division.
Consultants	Tejus Consultants, Bangalore
Contractor	M/S Sathya constructions

SIEVE ANALYSIS

Total Weight:	3000 gms		
Type of Material	Fine aggregate (River Sand/ M sand)	**Proposed Use**	Concrete
Sample Location	At Site/Plant	**Date of Sampling**	26.10.2019
		Date of Testing	26.10.2019

IS Sieve Size	Weight Retained	Cum. Weight Retained	Cum. % Retained	Cum. % Passing	Spec. Limit (%) Passing (Zone-II)
10.00 mm	0	0	0	100.00	100
4.75 mm	206	206	6.87	93.13	90 - 100
2.36 mm	318	524	17.47	82.53	75 - 100
1.18 mm	408	932	31.07	68.93	55 - 90
0.600 mm	482	1414	47.13	52.87	35 -59
0.300 mm	768	2182	72.73	27.27	8-30
0.150 mm	642	2824	94.13	5.87	0 - 10
Pan	176	3000			-

Remarks : Satisfactory / Not Satisfactory

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TEST REPORT

Clients	Bruhat Bangalore Mahanagara Palike	
Project	Providing Cement Concrete Road Improvements to Roads and Drains at Bharath Nagar cross roads near Baloon factory surrounding in ward No.06 Byatarayanapura Sub division.	
Consultants	TEJUS CONSULTANTS Basaveshwar Nagar Bangalore	
Contractor	M/S Sathya constructions	
Total Weight:	10000	gms

SIEVE ANALYSIS

Type of Material	20 mm down size	**Proposed Use**	Concrete
Sample Location	Plant/At site	**Date of Sampling**	26.10.2019
		Date of Testing	26.10.2019

IS Sieve Size	Weight Retained	Cum. Weight Retained	Cum. % Retained	Cum. % Passing	Spec. Limits (%) Passing
40.00 mm	0	0	0	100	100
20.00 mm	248	248	2.48	97.52	95 - 100
10.00 mm	4830	5078	50.78	49.22	25 - 55
4.75 mm	4214	9292	92.92	7.08	0 - 10
Pan	708	10000			

Remarks : ✓ Satisfactory / Not Satisfactory

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TEST REPORT

Clients	Bruhat Bangalore Mahanagara Palike		
Project	Providing Cement Concrete Road Improvements to Roads and Drains at Bharath Nagar cross roads near Baloon factory surrounding in ward No.06 Byatarayanapura Sub division.		
Consultants	TEJUS CONSULTANTS		
Contractor	M/S Sathya Constructions		
Total Weight:	10000	gms	

SIEVE ANALYSIS

Type of Material	12.5 mm down size	Proposed Use	Concrete	
Sample Location	At Site/Plant	Date of Sampling	26.10.2019	
		Date of Testing	26.10.2019	

IS Sieve Size (in mm)	Weight Retained	Cum. Weight Retained	Cum. % Retained	Cum. % Passing	Spec. Limit (%) Passing
20.0	0	0	0	100	100
12.5	554	554	5.54	94.46	90-100
10.0	4632	5186	51.86	48.14	40-85
4.75	4536	9722	97.22	2.78	0-10
Pan	278	10000			

Remarks : ✓ Satisfactory / Not Satisfactory

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